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Chief of Naval Operations

A/S32P-25 SHIPBOARD FIREFIGHTING VEHICLE, N88-NTSP-A-50-9302A/A

(a) OPNAVINST 1500.76

1. Subject NTSP is approved and forwarded per reference (a).
2. Subsequent NTSP review will examine both the effectiveness and efficiency of training outlined in this document.
3. OPNAV point of contact is AZC (AW) M. S. Dean (N889H7), DSN 664-7714, Comm: (703) 604-7714.

T. M. VANDENBERG

Captain, U.S. Navy

Head, Aviation Technical Training Section

Distribution: (one copy unless otherwise indicated)

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FT13 (NATTC) Pensacola (Code 301, 303)  
FT78 (NETPDTC)(Code 034)

**APPROVED**

**NAVY TRAINING SYSTEM PLAN**

**FOR THE**

**A/S 32P-25 SHIPBOARD**

**FIREFIGHTING VEHICLE**

**N88-NTSP-A-50-9302A/A**

**MARCH 2000**

## **A/S 32P-25 SHIPBOARD FIREFIGHTING VEHICLE**

### **EXECUTIVE SUMMARY**

The A/S 32P-25 Shipboard Firefighting Vehicle is a self-propelled, self-contained, all weather, high capacity, Aqueous Film Forming Foam firefighting vehicle. From here on referred to as the P-25, it is used on aircraft carriers and amphibious assault ships to replace the A/S 32P-16A Shipboard Firefighting Vehicle currently in use. The vehicle's objective is to extinguish a fire, or limit a fire's severity until other systems can be activated. The P-25 program is currently in the Production, Deployment, and Operational Support Phase of the Weapon System Acquisition Process.

Due to the similarities of the current and new production Firefighting Vehicles, and the one for one replacement, no additional maintenance manpower is required.

Operator training will continue to be conducted, as required, at local Aircraft Intermediate Maintenance Departments (AIMDs), using standardized training courses provided by the Naval Air Maintenance Training Group Headquarters (NAMTRAGRU HQ). Firefighting Vehicles are operated afloat by licensed Navy active duty and reserve aviation maintenance personnel. Local operator training is provided by AIMDs, and licensing is obtained after completion of Phase II training at the operating activity. Operator training includes operation and pre/post-operational inspections of the vehicles maintained by that particular activity.

The P-25 uses the three level maintenance concept per OPNAVINST 4790.2G. Organizational level maintenance is limited to routine servicing and preoperational inspections. A new maintenance course for intermediate level maintenance was developed for the P-25 to replace the A/S 32P-16A Firefighting Vehicle course. AIMDs are responsible for the majority of maintenance performed in support of the P-25. Navy Aviation Support Equipment Technician (AS) personnel with Navy Enlisted Classification (NEC) 7618 perform intermediate level maintenance. Intermediate maintenance training for the P-25 is conducted at Maintenance Training Unit (MTU) 3032, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) Naval Air Station (NAS) Jacksonville, Florida; and MTU 3033, NAMTRAGRU DET NAS North Island, California. DynCorp personnel provide depot level maintenance on site when required.

**A/S 32P-25 SHIPBOARD FIREFIGHTING VEHICLE**

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**A/S 32P-25 SHIPBOARD FIREFIGHTING VEHICLE**

**LIST OF ACRONYMS**

AFFF	Aqueous Film Forming Foam
AIMD	Aircraft Intermediate Maintenance Department
AMIST	Aviation Maintenance In-Service Training
AMTCS	Aviation Maintenance Training Continuum System
AS	Aviation Support Equipment Technician
CBT	Computer-Based Training
CIN	Course Identification Number
CNO	Chief of Naval Operations
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
gpm	Gallons Per Minute
HALON	Halogenated Hydrocarbons
ILSP	Integrated Logistics Support Plan
MATMEP	Maintenance Training Management and Evaluation Program
MRC	Maintenance Requirement Card
mph	Miles Per Hour
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRAGRU HQ	Naval Air Maintenance Training Group Headquarters
NATEC	Naval Air Technical Data and Engineering Service Command
NAVAIR SE FAC	Naval Air Systems Command Support Equipment Facility
NAVAIRSYSCOM	Naval Air Systems Command
NAVPERSCOM	Navy Personnel Command
NAWCAD	Naval Air Warfare Center Aircraft Division
NAWCADLKE	Naval Air Warfare Center Aircraft Division Lakehurst
NEC	Navy Enlisted Classification
NSD	Navy Support Date
NTSP	Navy Training System Plan

**A/S 32P-25 SHIPBOARD FIREFIGHTING VEHICLE**

**LIST OF ACRONYMS**

OJT	On-the-Job Training
PQS	Personnel Qualification Standards
PMA	Program Manager, Air
RFT	Ready For Training
TBD	To Be Determined
TTE	Technical Training Equipment

**A/S 32P-25 SHIPBOARD FIREFIGHTING VEHICLE**

**PREFACE**

This Approved Navy Training System Plan (NTSP) was developed by the Naval Air Systems Command (AIR 3.4.1.1) to update the Draft Navy Training System Plan, A-50-9302A/D, dated June 1999. This NTSP has been updated to comply with guidelines set forth in OPNAVINST 1500.76 and the Navy Training Requirements Documentation Manual OPNAV Publication P-751-1-9-97.

This NTSP reflects changes in manpower and training student throughput due to the change of Navy Enlisted Classification (NEC) from 7617 to 7618. This NTSP also reflects the change of the Model Manager for the P-25 from Maintenance Training Unit (MTU) 3032, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) Jacksonville to MTU 3033, NAMTRAGRU DET North Island.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

- 1. Nomenclature-Title-Acronym. A/S 32P-25 Shipboard Firefighting Vehicle
- 2. Program Element. 0603216N

B. SECURITY CLASSIFICATION

- 1. System Characteristics ..... Unclassified
- 2. Capabilities ..... Unclassified
- 3. Functions..... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

- OPNAV Principal Official (OPO) Program Sponsor..... CNO (N885D1)
- OPO Resource Sponsor ..... CNO (N885D1)
- Developing Agency..... NAVAIRSYSCOM (PMA251)
- Training Agency ..... CINCLANTFLT  
CINCPACFLT  
CNET  
COMNAVAIRESFOR
- Training Support Agency ..... NAVAIRSYSCOM (PMA205)  
COMNAVAIRESFOR
- Manpower and Personnel Mission Sponsor ..... CNO (N12)  
NAVPERSCOM (PERS-4, PERS-404)
- Director of Naval Training ..... CNO (N7)
- Commander, Reserve Program Manager ..... COMNAVAIRESFOR  
(Code N7112)



## **D. SYSTEM DESCRIPTION**

**1. Operational Uses.** The A/S 32P-25 Shipboard Firefighting Vehicle, from here on referred to in this document as the P-25, is an all weather, self-propelled, self-contained, firefighting vehicle. The P-25 is used on aircraft carriers and amphibious assault ships to replace the A/S 32P-16A Shipboard Firefighting Vehicle currently in use. The vehicle's objective is to extinguish a fire, or limit a fire's severity until other systems can be activated.

**2. Foreign Military Sales.** Not Applicable (NA)

**E. DEVELOPMENTAL TEST AND OPERATIONAL TEST.** Developmental Testing was conducted at the Naval Air Warfare Center Aircraft Division (NAWCAD), Code 4.8.12.2 (formerly Code SY55), Patuxent River, Maryland, from August 1996 to January 1997. Operational Evaluation was not required for this Acquisition Category IV-M program.

**F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED.** The P-25 is replacing, on a one-for-one basis, the A/S 32P-16A Shipboard Firefighting Vehicle.

## **G. DESCRIPTION OF NEW DEVELOPMENT**

**1. Functional Description.** The P-25 is a high capacity, Aqueous Film Forming Foam (AFFF) firefighting vehicle for use aboard Naval aircraft carriers and amphibious assault ships. The fire suppression system provides a standoff capability that minimizes the exposure of operating personnel to the hazards of exploding ordnance or flying debris. The P-25 is manually operated and contains an automatic Built-In Test system.

**a. Speed.** On a level surface, the fully loaded P-25 is capable of a sustained speed of 15 miles per hour (mph). However, the P-25's speed is governed so that it does not exceed 20 mph during normal operation.

**b. Braking.** The P-25 has a braking system capable of slowing and bringing the fully loaded vehicle to a complete stop in a stable manner in all operating modes including speeds of up to 20 mph within 30 feet. The P-25 has a parking brake capable of holding the fully loaded vehicle in any direction on a 30 percent grade.

**c. Auxiliary Starting.** An auxiliary starting system is provided, which is compatible with auxiliary power equipment conforming to MIL-STD-704. The system uses a receptacle conforming to military specification part number MS3506.

**d. Operation.** The P-25 operates with JP-5 jet fuel (MIL-T-5624), but is capable of operating with diesel fuel. The P-25 is capable of operating at full performance levels for two hours, and at idle for eight hours as a stand-alone system without benefit of additional equipment and materials, except for AFFF nursing lines. Full performance level is defined as continuously

pumping 500 gallons per minute (gpm) six percent AFFF solution. The vehicle is capable of operating in close proximity (within 50 feet) to fires.

**e. Operating Attitude.** The fully loaded P-25 can maintain full functional capability in any attitude within the normal pitch and roll characteristics of aircraft carriers and amphibious assault ships.

**f. Operator Stations.** Two operator stations are provided. One operator station provides easy reach of all vehicle controls and manual firefighting controls. The second operator station provides easy reach of the turret only. Third person capability is provided in the manner of a keel plate featuring a self-retracting mechanism that stows the keel plate within the footprint dimensions of the vehicle when unoccupied.

**g. Fire Suppression.** The P-25 has been designed to provide two agents for fire suppression purposes; AFFF per MIL-F-24385 and Halogenated Hydrocarbons (HALON) per MIL-B-38741. The P-25 has a minimum 800 gallon capacity AFFF system (consisting of a 750 gallon water tank, and a 50 gallon AFFF concentrate tank) capable of delivering a minimum 500-gpm flow of six percent AFFF solution through a turret assembly. It can simultaneously deliver a minimum 95-gpm flow through a 100-foot long, 1.5-inch diameter hand-line while traveling at a speed of five mph. The P-25 includes three portable 20 pound HALON 1211 Fire Extinguishers. Mounting locations are provided and allow easy removal of the extinguishers for firefighting purposes.

**h. Turret.** When operating at full rated capacity in a no-wind condition with the nozzle set for straight-stream flow, at least 80 percent of the turret discharge will fall beyond 150 feet within a 20-foot wide path. The turret is manually variable between straight-stream and full-fog.

**i. Environment.** The P-25 is capable of withstanding all pertinent shipboard environmental conditions it will encounter during its life-cycle.

## **2. Physical Description**

Size (L x W x H).....	190" x 70" x 64"
Gross weight.....	19,000 pounds
Under clearance .....	8 inches
Turning clearance.....	36.5 feet

**3. New Development Introduction.** The P-25 is being introduced as a new production replacement for the A/S 32P-16A Shipboard Firefighting Vehicle.

## **4. Significant Interfaces.** NA

**5. New Features, Configurations, or Material.** The proportioning system was changed to a balanced pressure type system to reduce operator workload and to provide a consistent six-percent proportioning accuracy across the flow range. The diesel engine was replaced with one

meeting all emission requirements and certified by the Environmental Protection Agency. The P-25 is also capable of supporting Night Vision operations by the installation of filters over the headlights.

## **H. CONCEPTS**

**1. Operational Concept.** A team of two Aviation Boatswain Mate (Handlers) (ABHs) onboard aircraft carriers and amphibious assault ships operate the P-25. One operator operates all vehicle controls and manual firefighting controls. The second operator operates the P-25 fire suppression turret only.

### **2. Maintenance Concept**

**a. Organizational.** Maintenance at the organizational level is limited to preoperational inspections, replenishment of consumable fluids, and vehicle cleanliness. This maintenance is to be performed by the Air Department per Maintenance Requirement Cards (MRCs).

#### **(1) Preventive Maintenance**

- Preoperational inspections
- Replenishment of consumable fluids
- Vehicle cleaning

#### **(2) Corrective Maintenance.** NA

**b. Intermediate.** Aviation Support Equipment Technicians (AS) personnel with NEC 7618, in Aircraft Intermediate Maintenance Department (AIMD) Work Center 910 perform intermediate level maintenance. In addition to performing the same functions conducted at the organizational level, intermediate level maintenance includes:

#### **(1) Preventive Maintenance**

- Servicing
- Corrosion inspection and control
- Fault isolation

#### **(2) Corrective Maintenance**

- Fault isolation of malfunctioning assemblies and subassemblies
- Performance verification upon completion of the repair
- Removal and replacement of defective assemblies and subassemblies

**c. Depot.** Depot level maintenance consists of rework or overhaul of the P-25 and repair of assemblies and subassemblies determined to be beyond AIMD repair capabilities. Depot level maintenance for west coast activities will be performed by Naval Air Systems Command Support Equipment Facility (NAVAIR SE FAC) North Island, California. Depot level

maintenance for east coast activities will be performed by NAVAIR SE FAC Norfolk, Virginia. If repair is to be performed on-site, NAVAIR SE FAC will dispatch a Contract Field Team to the site to complete the maintenance action. For ships under new construction or undergoing Service Life Extension Program (SLEP), NAVAIR SE FAC Solomons, Maryland will be the control point for the P-25.

**d. Interim Maintenance.** Technical assistance is provided by Naval Air Technical Data and Engineering Service Command (NATEC) personnel as needed.

**e. Life-Cycle Maintenance Plan.** The life-cycle for the P-25 is approximately 20 years. Contract Field Team (usually DynCorp) personnel will perform depot level maintenance as required.

**3. Manning Concept.** Operation and maintenance of the P-25 is accomplished with no change to current manpower requirements at the organizational or intermediate levels of maintenance. The total maintenance workload placed upon the AIMD by the P-25 is equal to that of the A/S 32P-16A Shipboard Firefighting Vehicle and will not affect current manning.

**4. Training Concept.** Existing training sites for the A/S 32P-16A Shipboard Firefighting Vehicle are utilized for the P-25. A new training course C-602-3292, A/S 32P-25 Aircraft Firefighting Truck Intermediate Maintenance, has been written to meet the requirements of the P-25 and will replace the current A/S 32P-16A training course, number C-602-3242. However, course C-602-3242, Aviation Support Equipment A/S 32P-16A Aircraft Firefighting Truck Intermediate Maintenance, will remain in place until all the A/S 32P-16A Shipboard Firefighting Vehicles are replaced by the P-25. All maintenance training required is provided to Navy AS, NEC 7618 personnel. ABH personnel will operate the P-25. Phase I operator training is accomplished by successful completion of the P-25 operator course. Phase II training is conducted by Air Department personnel upon completion of Phase I training.

Selected Reserve personnel may earn intermediate level maintenance NECs by attending formal training at the NAMTRAGRU DET providing a quota and funding are available, and the student is available to attend the training. Specific guidelines are contained in NAVPERS 18068F Volume II, Chapter IV, Navy Enlisted Classifications.

**a. Initial Training.** The contractor has provided initial training for test and evaluation personnel. Test and evaluation personnel assigned to NAWCAD, Patuxent River Code 4.8.12.2 (formerly Code SY55), received training from Entwistle Company personnel at Naval Air Warfare Center Aircraft Division Lakehurst (NAWCADLKE), New Jersey. Likewise, instructor and initial cadre personnel received initial training, covering both operator and maintainer requirements, at Entwistle Company in Hudson, Massachusetts, in June 1998.

**b. Follow-on Training.** Follow-on training for intermediate maintenance is conducted at existing sites for the P-25 as follows.

**Title .....** **A/S 32P-25 Aircraft Firefighting Truck Intermediate Maintenance**  
**Training Track.....** D/E 602-7090  
**CIN .....** C-602-3292  
**Model Manager ...** MTU 3033, NAMTRAGRU DET NAS North Island  
**Description .....** This course covers introduction, publications, operation, troubleshooting , and intermediate maintenance procedures of the P-25.  
**Locations .....** MTU 3032, NAMTRAGRU DET NAS Jacksonville  
MTU 3033, NAMTRAGRU DET NAS North Island  
**Length .....** 17 days  
**RFT date .....** Currently on line  
**Skill identifier .....** AS (NEC 7618)  
**TTE/TD .....** A/S 32P-25 Firefighting Vehicle. TD is NA.  
**Prerequisites .....** C-602-3262, Aviation Support Equipment Technician (Electrical)  
C-602-2026, Aviation Support Equipment Technician Class A1

#### c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AS 7617	C-602-2026, Aviation Support Equipment Technician Class A1

#### d. Training Pipelines

**(1) Operator.** No new training pipelines or tracks are required for operators. Instruction is provided on an "as needed" basis at the AIMDs. Stand-alone local training for the operation of the A/S 32P-16A, will remain in place until all A/S 32P-16As are replaced.

**(2) Maintainer.** No new training pipelines or tracks are required for maintainers. Current track number D/E-602-7090, (Afloat) Support Equipment Internal Combustion Engines and Related Systems Intermediate Maintenance, has been modified to

include the P-25 training course C-602-3292. Training for the maintenance of the A/S 32P-16A will remain in place until all the A/S 32P-16As are replaced.

## **I. ON-BOARD (IN-SERVICE) TRAINING**

### **1. Proficiency or Other Training Organic to the New Development**

**a. Maintenance Training Improvement Program.** The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 series. MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls.

**b. Aviation Maintenance In-Service Training.** AMIST is intended to support the Fleet training requirements now satisfied by MTIP, and in that sense is the planned replacement. However, it is structured very differently, and will function as an integral part of the new Aviation Maintenance Training Continuum System (AMTCS) that will replace the existing aviation maintenance training structure. AMIST will provide standardized instruction to bridge the training gaps between initial and career training. With implementation of AMIST, technicians will be provided the training required to maintain a level of proficiency necessary to effectively perform the required tasks to reflect career progression.

**c. Aviation Maintenance Training Continuum System.** AMTCS will redesign the aviation training process (training continuum), and introduce Computer-Based Training (CBT) throughout the Navy technical training process. The application and adoption of recent advances in computer hardware and software technology will enable CBT, with its basic elements of Computer Managed Instruction, Computer Aided Instruction, and Interactive Courseware, to be integrated into the training continuum and provide essential support for standardizing technical training.

**2. Personnel Qualification Standards.** The Naval Education and Training Professional Development and Technology Center (NETPDTC) Pensacola developed a new operator Personnel Qualification Standard (PQS).

**3. Other On-Board or In-Service Training Packages.** Both operator and maintenance personnel will receive On the Job Training (OJT) to enhance their training knowledge.

## **J. LOGISTICS SUPPORT**

### **1. Manufacturer and Contract Numbers**

<b>CONTRACT NUMBER</b>	<b>MANUFACTURER</b>	<b>ADDRESS</b>
N68335-93-C-0183	Entwistle Company	Bigelow Street Hudson, MA 01749

**2. Program Documentation.** An Integrated Logistics Support Plan, NAEC-CES-88-007, was published in October 1996.

**3. Technical Data Plan.** The technical manuals required to support the P-25 were developed by the contractor and are formatted per contract requirements. The scope and depth of the technical manuals were determined by Logistic Support Analysis (LSA) data. Technical data includes one complete set of all manuals and publications required to operate and maintain the P-25 per training site. Refer to Section IV.B.3 of this NTSP.

**4. Test Sets, Tools, and Test Equipment.** NA

**5. Repair Parts.** Spare and repair parts required will be determined through the LSA process. Interim spare and repair parts are provided by the contractor to provide a smooth transition by the Material Support Date (MSD) and Navy Support Date (NSD). MSD was achieved in August 1999. NSD is anticipated to be achieved in December 2000.

**6. Human Systems Integration.** NA

## **K. SCHEDULES**

**1. Installation and Delivery Schedules.** The Engineering and Manufacturing Development (EMD) contract award is complete. Prototype testing is complete. Upon completion of prototype testing, the option was exercised to procure 50 production units. Depending on ship's availability, the units will be delivered at a rate of four per month. Another contract will be awarded at a later date.

**2. Ready For Operational Use Schedule.** The P-25 is considered ready for operational use upon receipt and check out.

**3. Time Required to Install at Operational Sites.** NA

**4. Foreign Military Sales and Other Source Delivery Schedule.** NA

**5. Training Device and Technical Training Equipment Delivery Schedule.** Training equipment consists of four complete P-25s. One was provided to each training site,

NAMTRAGRU DET North Island and NAMTRAGRU DET Jacksonville, and two were provided to Naval Air Technical Training Center Pensacola, Florida. First production units were issued to the training commands. Training Devices are not required.

**L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA**

**M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS**

<b>DOCUMENT OR NTSP TITLE</b>	<b>DOCUMENT OR NTSP NUMBER</b>	<b>PDA CODE</b>	<b>STATUS</b>
Aircraft Rescue and Firefighting Training Program	A-50-8704B/A	PMA251	Approved Feb 98
Integrated Logistics Support Detail Specification (ILSDS)	Appendix A to P-25 SOW	NAWCADLKE	Approved Jun 89
Integrated Logistics Support Plan (ILSP)	ILSP-NAEC-CSE-88-007	NAWCADLKE	Approved Oct 96



## **PART II - BILLET AND PERSONNEL REQUIREMENTS**

The following elements are not affected by the A/S32P-25 Firefighting Vehicle NTSP and, therefore, are not included in part II of this NTSP.

### **II.A. Billet Requirements**

#### **II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities**

## PART II - BILLET AND PERSONNEL REQUIREMENTS

### II.A. BILLET REQUIREMENTS

#### II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: TFMMS

DATE: 8/1/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
FLEET SUPPORT ACTIVITIES - NAVY							
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 69 USS Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
LPD 12 USS Shreveport	07195	1	0	0	0	0	0
LPD 13 USS Nashville	07196	1	0	0	0	0	0
LPD 14 USS Trenton	07200	1	0	0	0	0	0
LPD 15 USS Ponce	07201	1	0	0	0	0	0
LPD 4 USS Austin	07175	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	03364	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LPD 10 USS Juneau	07184	1	0	0	0	0	0
LPD 5 USS Ogden	07176	1	0	0	0	0	0
LPD 7 USS Cleveland	07181	1	0	0	0	0	0
LPD 8 USS Dubuque	07182	1	0	0	0	0	0
LPD 9 USS Denver	07183	1	0	0	0	0	0
<b>TOTAL:</b>		32	0	0	0	0	0

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
FLEET SUPPORT ACTIVITIES - NAVY					
CV 67 USS John F. Kennedy, 03367					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	6	ASAN	7618	
TAR	0	1	AS3	7618	
	0	1	ASAN	7618	
ACTIVITY TOTAL:	0	12			
CVN 65 USS Enterprise, 03365					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	5	ASAN	7618	
SELRES	0	1	ASAN	7618	
ACTIVITY TOTAL:	0	11			
CVN 68 USS Nimitz, 03368					
ACDU	0	1	AS2	7618	7606 7618
	0	1	AS2	7618	
	0	1	AS3	7606	
	0	1	AS3	7618	7222
	0	1	AS3	7618	
	0	3	ASAN	7618	
ACTIVITY TOTAL:	0	8			
CVN 69 USS Eisenhower, 03369					
ACDU	0	2	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	9	ASAN	7618	
ACTIVITY TOTAL:	0	15			

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	6	ASAN	7618	
ACTIVITY TOTAL:	0	11			
CVN 73 USS George Washington, 21412					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	6	ASAN	7618	
SELRES	0	1	AS3	7618	
	0	1	ASAN	7618	
ACTIVITY TOTAL:	0	12			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	2	AS2	7618	7606
	0	1	AS2	7618	
	0	1	AS3	7606	7618
	0	1	AS3	7618	
	0	1	AS3	7618	7222
	0	5	ASAN	7618	
ACTIVITY TOTAL:	0	11			
LHA 2 USS Saipan, 20632					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
ACTIVITY TOTAL:	0	4			
LHA 4 USS Nassau, 20725					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
ACTIVITY TOTAL:	0	4			
LHD 1 USS Wasp, 21560					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
ACTIVITY TOTAL:	0	4			

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>LHD 3 USS Kearsarge, 21700</b>					
ACDU	0	1	AS2	7618	
ACDU	0	1	AS3	7618	
	0	2	ASAN	7618	
<b>ACTIVITY TOTAL:</b>	0	4			
<b>LHD 5 USS Bataan, 21879</b>					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	1	ASAN	7618	
<b>ACTIVITY TOTAL:</b>	0	3			
<b>LPD 12 USS Shreveport, 07195</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 13 USS Nashville, 07196</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 14 USS Trenton, 07200</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 15 USS Ponce, 07201</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 4 USS Austin, 07175</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>CV 63 USS Kitty Hawk, 03363</b>					
ACDU	0	3	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	7	ASAN	7618	7222
<b>ACTIVITY TOTAL:</b>	0	12			

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
CV 64 USS Constellation, 03364					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	8	ASAN	7618	
ACTIVITY TOTAL:	0	13			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	7	ASAN	7618	
ACTIVITY TOTAL:	0	12			
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	5	ASAN	7618	
SELRES	0	1	ASAN	7618	
ACTIVITY TOTAL:	0	11			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	1	AS1	7618	7222
	0	2	AS2	7618	
	0	1	AS3	7618	
	0	1	AS3	7618	
	0	6	ASAN	7618	
ACTIVITY TOTAL:	0	11			
LHA 1 USS Tarawa, 20550					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
ACTIVITY TOTAL:	0	4			

## II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
<b>LHA 3 USS Belleau Wood, 20633</b>					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
<b>ACTIVITY TOTAL:</b>	0	4			
<b>LHA 5 USS Peleliu, 20748</b>					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
<b>ACTIVITY TOTAL:</b>	0	4			
<b>LHD 2 USS Essex, 21533</b>					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	1	ASAN	7618	
<b>ACTIVITY TOTAL:</b>	0	3			
<b>LHD 4 USS Boxer, 21808</b>					
ACDU	0	1	AS2	7618	
	0	1	AS3	7618	
	0	2	ASAN	7618	
<b>ACTIVITY TOTAL:</b>	0	4			
<b>LPD 10 USS Juneau, 07184</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 5 USS Ogden, 07176</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 7 USS Cleveland, 07181</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 8 USS Dubuque, 07182</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			
<b>LPD 9 USS Denver, 07183</b>					
ACDU	0	1	AS3	7618	
<b>ACTIVITY TOTAL:</b>	0	1			

## II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU							
AS1	7618	10	0	0	0	0	0
AS2	7618	34	0	0	0	0	0
AS2	7618 7606	2	0	0	0	0	0
AS3	7606 7618	2	0	0	0	0	0
AS3	7618	30	0	0	0	0	0
AS3	7618 7222	12	0	0	0	0	0
ASAN	7618	91	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - TAR							
AS3	7618	1	0	0	0	0	0
ASAN	7618	1	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - SELRES							
AS3	7618	1	0	0	0	0	0
ASAN	7618	3	0	0	0	0	0
<b>SUMMARY TOTALS:</b>							
NAVY FLEET SUPPORT ACTIVITIES - ACDU							
		181	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - TAR							
		2	0	0	0	0	0
NAVY FLEET SUPPORT ACTIVITIES - SELRES							
		4	0	0	0	0	0
<b>GRAND TOTALS:</b>							
NAVY - ACDU							
		181	0	0	0	0	0
NAVY - TAR							
		2	0	0	0	0	0
NAVY - SELRES							
		4	0	0	0	0	0



**II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE**

**SOURCE:** TFMMS

**DATE:** 8/1/99

<b>ACTIVITY, UIC</b>		<b>PFYs</b>	<b>CFY00</b>	<b>FY01</b>	<b>FY02</b>	<b>FY03</b>	<b>FY04</b>
FLEET SUPPORT ACTIVITIES - NAVY							
CV 64 USS Constellation	03364	0	0	0	0	1	0
<b>TOTAL:</b>		0	0	0	0	1	0

## II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU							
AS1	7618	1	0	0	0	-1	0
AS2	7618	2	0	0	0	-2	0
AS3	7618	1	0	0	0	-1	0
AS3	7618 7222	1	0	0	0	-1	0
ASAN	7618	8	0	0	0	-8	0

### SUMMARY TOTALS:

NAVY FLEET SUPPORT ACTIVITIES - ACDU							
		13	0	0	0	-13	0

### GRAND TOTALS:

NAVY - ACDU							
		13	0	0	0	-13	0

### II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		

TRAINING ACTIVITY, LOCATION, UIC: MTU 3032, NAMTRAGRU DET, Jacksonville, 66051

#### INSTRUCTOR BILLETS

ACDU														
AS1	7618	9502	0	1	0	1	0	1	0	1	0	1	0	1
AS2	7618	9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:			0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: MTU 3033, NAMTRAGRU DET, North Island, 66065

#### INSTRUCTOR BILLETS

ACDU														
AS1	7618	9502	0	1	0	1	0	1	0	1	0	1	0	1
AS2	7618	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	3	0	3	0	3	0	3	0	3	0	3

#### II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY00		FY01		FY02		FY03		FY04	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3032, NAMTRAGRU DET, Jacksonville, 66051													
	NAVY		1.6		1.6		1.6		1.6		1.6		1.6
MTU 3033, NAMTRAGRU DET, North Island, 66065													
	NAVY		1.4		1.4		1.4		1.4		1.2		1.2
<b>SUMMARY TOTALS:</b>													
	NAVY		3.0		3.0		3.0		3.0		2.8		2.8
<b>GRAND TOTALS:</b>													
			3.0		3.0		3.0		3.0		2.8		2.8

## II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/- CUM	FY01 +/- CUM	FY02 +/- CUM	FY03 +/- CUM	FY04 +/- CUM
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### a. OFFICER - USN

Not Applicable

### b. ENLISTED - USN

#### Fleet Support Billets ACDU and TAR

AS1	7618		10	0	10	0	10	0	10	-1	9	0	9
AS2	7618		34	0	34	0	34	0	34	-2	32	0	32
AS2	7618	7606	2	0	2	0	2	0	2	0	2	0	2
AS3	7606	7618	2	0	2	0	2	0	2	0	2	0	2
AS3	7618		31	0	31	0	31	0	31	-1	30	0	30
AS3	7618	7222	12	0	12	0	12	0	12	-1	11	0	11
ASAN	7618		92	0	92	0	92	0	92	-8	84	0	84

#### Staff Billets ACDU and TAR

AS1	7618	9502	2	0	2	0	2	0	2	0	2	0	2
AS2	7618	9502	3	0	3	0	3	0	3	0	3	0	3

#### Chargeable Student Billets ACDU and TAR

3	0	3	0	3	0	3	0	3	0	3	0	3
---	---	---	---	---	---	---	---	---	---	---	---	---

#### SELRES Billets

AS3	7618		1	0	1	0	1	0	1	0	1	0	1
ASAN	7618		3	0	3	0	3	0	3	0	3	0	3

### TOTAL USN ENLISTED BILLETS:

Fleet Support	183	0	183	0	183	0	183	-13	170	0	170
Staff	5	0	5	0	5	0	5	0	5	0	5
Chargeable Student	3	0	3	0	3	0	3	0	3	0	3
SELRES	4	0	4	0	4	0	4	0	4	0	4

### c. OFFICER - USMC

Not Applicable

### d. ENLISTED - USMC

Not Applicable

## II.B. PERSONNEL REQUIREMENTS

### II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

**CIN, COURSE TITLE:** C-602-3292, A/S 32P-25 Aircraft Firefighting Truck Intermediate Maintenance

**COURSE LENGTH:** 2.6 Weeks

**TOUR LENGTH:** 36 Months

**ATTRITION FACTOR:** Navy: 10%

**BACKOUT FACTOR:** 0.05

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF ENL	FY01 OFF ENL	FY02 OFF ENL	FY03 OFF ENL	FY04 OFF ENL
MTU 3032, NAMTRAGRU DET, Jacksonville							
	NAVY	ACDU	37	37	37	37	37
		TAR	1	1	1	1	1
		SELRES	0	0	1	0	0
MTU 3033, NAMTRAGRU DET, North Island							
	NAVY	ACDU	31	31	31	26	26
		SELRES	0	0	0	0	0
		TOTAL:	69	69	70	64	64

## **PART III - TRAINING REQUIREMENTS**

The following elements are not affected by the A/S32P-25 Firefighting Vehicle NTSP and, therefore, are not included in part III of this NTSP.

### **III.A.2. Follow-on Training**

#### **III.A.2.b. Planned Courses**

#### **III.A.2.c. Unique Courses**

### **III.A.3. Existing Training Phased Out**

### PART III - TRAINING REQUIREMENTS

#### III.A.1. INITIAL TRAINING REQUIREMENTS

**COURSE TITLE:** A/S 32P-25 Firefighting Vehicle  
**COURSE DEVELOPER:** NAWCADLKE  
**COURSE INSTRUCTOR:** NAWCADLKE  
**COURSE LENGTH:** 5 Days

**ACTIVITY DESTINATIONS:** Amphibious Assault Ships, CV/CVN

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV
NAWCADLKE, 47078	Aug 95 (completed)		6 0.1	Input AOB Chargeable

**COURSE TITLE:** Initial Training for Instructor and Initial Cadre Personnel  
**COURSE DEVELOPER:** Entwistle  
**COURSE INSTRUCTOR:** Entwistle  
**COURSE LENGTH:** 5 Days  
**ACTIVITY DESTINATIONS:** Amphibious Assault Ships, CV/CVN, MTU 3032, MTU 3033

LOCATION, UIC	BEGIN DATE	OFF	STUDENTS ENL	CIV
Entwistle, Hudson, MA	Jun 98 (completed)		2 0.0	Input AOB Chargeable



### III.A.2. FOLLOW-ON TRAINING

#### III.A.2.a. EXISTING COURSES

**CIN, COURSE TITLE:** C-602-3292, A/S 32P-25 Aircraft Firefighting Truck Intermediate Maintenance

**TRAINING ACTIVITY:** MTU 3032

**LOCATION, UIC:** NAMTRAGRU DET, Jacksonville, 66051

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	38		38		38		38		38	ATIR
	34		34		34		34		34	Output
	1.6		1.6		1.6		1.6		1.6	AOB
	1.6		1.6		1.6		1.6		1.6	Chargeable

**SOURCE:** NAVY **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		1		0		0	ATIR
	0		0		1		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

**TRAINING ACTIVITY:** MTU 3033

**LOCATION, UIC:** NAMTRAGRU DET, North Island, 66065

**SOURCE:** NAVY **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	31		31		31		26		26	ATIR
	28		28		28		23		23	Output
	1.4		1.4		1.4		1.2		1.2	AOB
	1.4		1.4		1.4		1.2		1.2	Chargeable

**SOURCE:** NAVY **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	0		0		0		0		0	ATIR
	0		0		0		0		0	Output
	0.0		0.0		0.0		0.0		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

## **PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS**

The following elements are not affected by the A/S32P-25 Firefighting Vehicle NTSP and, therefore, are not included in part IV of this NTSP.

IV.A.2. Training Devices

IV.C Facility Requirement

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

#### IV.A. TRAINING HARDWARE

##### IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

**CIN, COURSE TITLE:** C-602-3292, A/S32P-25 Aircraft Firefighting Truck Intermediate Maintenance (Part of track D-602-7090)

**TRAINING ACTIVITY:** NAMTRAGRU DET MTU 3032

**LOCATION, UIC:** NAS Jacksonville, 66051

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0001	A/S32P-25 Shipboard Firefighting Vehicle	1	Jul 98	GFE	Onboard
0002	Dispensing Pump, Hydraulic, A/M 27T-10	1	Jul 98	GFE	Onboard
0003	Alternate Stand, Hydraulic	4	Jul 98	GFE	Onboard
0004	Jack, Automotive	1	Jul 98	GFE	Onboard
0005	Jack, Hydraulic	4	Jul 98	GFE	Onboard
0006	Tiedown, Aircraft	2	Jul 98	GFE	Onboard

**CIN, COURSE TITLE:** C-602-3292, A/S32P-25 Aircraft Firefighting Truck Intermediate Maintenance (Part of track E-602-7090)

**TRAINING ACTIVITY:** NAMTRAGRU DET MTU 3033

**LOCATION, UIC:** NAS North Island, 66065

ITEM NUMBER	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
<b>TTE</b>					
0001	A/S32P-25 Shipboard Firefighting Vehicle	1	Jul 98	GFE	Onboard
0002	Dispensing Pump, Hydraulic, A/M 27T-10	1	Jul 98	GFE	Onboard
0003	Alternate Stand, Hydraulic	1	Jul 98	GFE	Onboard
0004	Jack, Automotive	1	Jul 98	GFE	Onboard
0005	Jack, Hydraulic	4	Jul 98	GFE	Onboard
0006	Tiedown, Aircraft	2	Jul 98	GFE	Onboard

#### IV.B. COURSEWARE REQUIREMENTS

##### IV.B.1. TRAINING SERVICES

COURSE / TYPE OF TRAINING	SCHOOL LOCATION, UIC	DATE BEGIN	NO. OF PERSONNEL	MAN WEEKS REQUIRED
A/SP32P-25 Firefighting Vehicle	NAWCADLKE, 47078	Aug 95	6	6
Initial Training for Instructors and Initial Cadre Personnel	Entwistle, Hudson, Mass.	Jun 98	2	2

#### IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

**CIN, COURSE TITLE:** C-602-3292, A/S32P-25 Aircraft Firefighting Truck Intermediate Maintenance (Part of track D-602-7090)

**TRAINING ACTIVITY:** NAMTRAGRU DET MTU 3032

**LOCATION, UIC:** NAS Jacksonville, 66051

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jul 98	Onboard
Student Guides	50	Jul 98	Onboard
Transparencies	1 set	Jul 98	Onboard
Writing Board, White Chalk	1	Jul 98	Onboard

**CIN, COURSE TITLE:** C-602-3292, A/S32P-25 Aircraft Firefighting Truck Intermediate Maintenance (Part of track E-602-7090)

**TRAINING ACTIVITY:** NAMTRAGRU DET MTU 3033

**LOCATION, UIC:** NAS North Island, 66065

<b>TYPES OF MATERIAL OR AID</b>	<b>QTY REQD</b>	<b>DATE REQD</b>	<b>STATUS</b>
Instructor Guides	3	Jul 98	Onboard
Student Guides	50	Jul 98	Onboard
Transparencies	1 set	Jul 98	Onboard
Writing Board, White Chalk	1	Jul 98	Onboard

#### IV.B.3. TECHNICAL MANUALS

**CIN, COURSE TITLE:** C-602-3292, A/S32P-25 Aircraft Firefighting Truck Intermediate Maintenance (Part of track D-602-7090)

**TRAINING ACTIVITY:** NAMTRAGRU DET MTU 3032

**LOCATION, UIC:** NAS Jacksonville, 66051

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 17-1-125 Ground Support Equipment Cleaning and Corrosion Control Manual	Hard copy	10	Jul 98	Onboard
NAVAIR 19-25-514 Operation and Maintenance Instructions	Hard copy	10	Jul 98	Onboard
NAVAIR 19-600-168-6-1 Preoperational Checklist	Hard copy	10	Jul 98	Onboard
NAVAIR 19-600-290-6-2 Maintenance Requirement Cards	Hard copy	10	Jul 98	Onboard

**CIN, COURSE TITLE:** C-602-3292, A/S32P-25 Aircraft Firefighting Truck Intermediate Maintenance (Part of track E-602-7090)

**TRAINING ACTIVITY:** NAMTRAGRU DET MTU 3033

**LOCATION, UIC:** NAS North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR 17-1-125 Ground Support Equipment Cleaning and Corrosion Control Manual	Hard copy	10	Jul 98	Onboard
NAVAIR 19-25-514 Operation and Maintenance Instructions	Hard copy	10	Jul 98	Onboard
NAVAIR 19-600-168-6-1 Preoperational Checklist	Hard copy	10	Jul 98	Onboard
NAVAIR 19-600-168-290-6-2 Maintenance Requirement Cards	Hard copy	10	Jul 98	Onboard

## PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
DA	Awarded Phase II Contract	May 93	Completed
TSA	Conducted initial training	Aug 95	Completed
DA	Developed ILSP	Oct 96	Completed
TSA	Conducted initial training for instructors and initial cadre	Jun 98	Completed
TSA	Began follow-on training	Jul 98	Completed
TSA	Delivered curricula materials	Jul 98	Completed
TSA	Delivered TTE	Jul 98	Completed
TSA	Installed TTE	Jul 98	Completed
DA	Began fleet introduction	Aug 98	On-going
OPO	Updated Draft NTSP	Jun 99	Completed
ASO	Achieved MSD	Aug 99	Completed
OPO	Developed Proposed NTSP	Sep 99	Completed
ASO	Achieve NSD	Dec 00	Pending
DA	Award second A/S32P-25 contract	TBD	

**PART VI - ACTION ITEMS / ACTION REQUIRED**

**ACTION ITEM OR  
ACTION REQUIRED**

**COMMAND ACTION**

**DUE DATE**

**STATUS**

None required.



## PART VII - POINTS OF CONTACT

### NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL

### TELEPHONE NUMBERS

**CAPT Owen Fletcher**

Head, Plans, Policy, and Fleet Maintenance Support  
CNO, N881B  
Fletcher.owen@hq.navy.mil

**COMM:** (703) 604-7747  
**DSN:** 664-7747  
**FAX:** (703) 604-6972

**CDR Cyrus Murphy**

Resource Sponsor / Program Sponsor  
CNO, N885D1  
Murphy.cyrus@hq.navy.mil

**COMM:** (703) 697-9359  
**DSN:** 227-9359  
**FAX:** (703) 695-7103

**CAPT Thomas Vandenburg**

Head, Aviation Technical Training Branch  
CNO, N889H  
vandenburg.thomas@hq.navy.mil

**COMM:** (703) 604-7730  
**DSN:** 664-7730  
**FAX:** (703) 604-6969

**LCDR Mike Belcher**

NTSP Manager  
CNO, N889H1  
Belcher.michael@hq.navy.mil

**COMM:** (703) 604-7765  
**DSN:** 664-7765  
**FAX:** (703) 604-6939

**MGYSGT Ken Gravett**

NTSP Manager  
N889H6  
Gravett.kenneth@hq.navy.mil

**COMM:** (703) 604-7765  
**DSN:** 664-7765  
**FAX:** (703) 604-6939

**AZC Scott Dean**

NTSP Manager  
CNO, N889H7  
dean.scott@hq.navy.mil

**COMM:** (703) 604-7714  
**DSN:** 664-7714  
**FAX:** (703) 604-6939

**LCDR Gary Swain**

Aviation Manpower  
CNO, N122C1  
n122c1@bupers.navy.mil

**COMM:** (703) 695-3247  
**DSN:** 225-3247  
**FAX:** (703) 614-5308

**Mr. Robert Zweibel**

Training Technology Policy  
CNO, N751  
zweibel.robert@hq.navy.mil

**COMM:** (703) 614-1344  
**DSN:** 224-1344  
**FAX:** (703) 695-5698

**Mr. Dick Bushway**

Program Manager  
NAVAIRSYSCOM, PMA251-C  
bushwayrr@navair.navy.mil

**COMM:** (301) 757-7008  
**DSN:** 757-7008  
**FAX:** (301) 757-6800

**Ms. Fritzi Hart**

Assistant Program Manager, Training Systems  
NAVAIRSYSCOM, PMA205-3F4  
hartf@navair.navy.mil

**COMM:** (301) 757-8131  
**DSN:** 757-8131  
**FAX:** (301) 757-6945

**CDR Robin Mason**

Aviation NTSP Point of Contact  
CINCLANTFLT, N-721  
masonrf@clf.navy.mil

**COMM:** (757) 836-0101**DSN:** 836-0101**FAX:** (757) 836-0141**NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL****TELEPHONE NUMBERS****Mr. Bob Long**

Deputy Director for Training  
CINCPACFLT, N70  
u70@cpf.navy.mil

**COMM:** (808) 471-8513**DSN:** 315-471-8513**FAX:** (808) 471-8596**ASCM David Campobasso**

Reserve Quotas  
COMNAVAIRESFOR, N-7112  
campobas@cnrf.nola.navy.mil

**COMM:** (504) 678-1404**DSN:** 678-1404**FAX:** (504) 678-6847**CAPT Robert Gibson**

Deputy Assistant Chief of Military Personnel for Distribution  
NAVPERSCOM, PERS-4B  
p4b@persnet.navy.mil

**COMM:** (703) 614-3454**DSN:** 224-3454**FAX:** (703) 614-7705**CDR Timothy Ferree**

Branch Head, Aviation Rating Assignments  
NAVPERSCOM, PERS-404  
p404@persnet.navy.mil

**COMM:** (901) 874-3691**DSN:** 882-3691**FAX:** (901) 874-2642**LCDR Louis Rankin**

Aviation Manpower  
NAVMAC, 30  
rankinl@navmac.navy.mil

**COMM:** (901) 874-6220**DSN:** 882-6220**FAX:** (901) 874-6471**Mr. Jim Smoot**

Head, Aviation Manpower Requirements Section  
NAVMAC, 544  
smootj@navmac.navy.mil

**COMM:** (901) 874-5975**DSN:** 882-5975 x1643**FAX:** (901) 874-6471**Mr. John Young**

AIMD/SEAOPDET Manpower Requirements  
NAVMAC, 31  
youngj@navmac.navy.mil

**COMM:** (901) 874-6235**DSN:** 882-6235**FAX:** (901) 874-6471**CDR Erich Blunt**

Aviation Technical Training  
CNET, ETE32  
cdr\_erich.blunt@smtp.cnet.navy.mil

**COMM:** (850) 452-4915**DSN:** 922-4915**FAX:** (850) 452-4901**ATCS Ed Powell**

General Programs Technical Coordinator  
NAMTRAGRU HQ, N2211  
namtghq.n2211@smtp.cnet.navy.mil

**COMM:** (850) 452-9708 ext. 251**DSN:** 922-9708 ext. 251**FAX:** (850) 452-9769**Mr. Paul Durso**

Systems Engineer  
NAWCALKE, 481200B562-3  
dursop@navair.navy.mil

**COMM:** (732) 323-1923**DSN:** 624-1923**FAX:** (732) 323-7386

**Mr. Bob Knudsen**  
Logistic Support Analyst  
NAWCADLKE, 324100B596-2  
knudsenr@navair.navy.mil

**COMM:** (732) 323-4264  
**DSN:** 624-4264  
**FAX:** (732) 323-7402

**NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL**

**TELEPHONE NUMBERS**

**Mr. Ed Walsh**  
Logistic Manager  
NAWCADLKE, 314100B596-2  
walshwg@navair.navy.mil

**COMM:** (732) 323-4201  
**DSN:** 624-4201  
**FAX:** (732) 323-4931

**Ms. Nancy McQuillan**  
Training Manager  
NAWCADLKE, 341400B  
mcquillanna@navair.navy.mil

**COMM:** (732) 323-7808  
**DSN:** 624-7808  
**FAX:** (732) 323-7402

**Mr. Anthony Ferraro**  
Fleet Technical Evaluation  
NAWCAD, 4.8.12.2  
ferraroam@navair.navy.mil

**COMM:** (301) 342-4147  
**DSN:** 342-4147  
**FAX:** (301) 862-5439

**Mr. Charlie Dixon**  
SE Rework Team Commodity Manager  
NAVAIRSYSCOM, AIR 3.1B.2.4  
dixonce@navair.navy.mil

**COMM:** (410) 326-2000  
**DSN:**  
**FAX:** (410) 326-2801

**Mr. Tim Humphreys**  
Site Supervisor  
NAVAIR SE FAC Solomons, Md.  
humphreys@navsefso.com

**COMM:** (410) 326-2000  
**DSN:**  
**FAX:** (410) 326-2801

**Mr. Phil Szczygłowski**  
Competency Manager  
NAVAIRSYSCOM, AIR 3.4.1.1  
szczygłowspr@navair.navy.mil

**COMM:** (301) 757-9182  
**DSN:** 757-9182  
**FAX:** (301) 342-4723

**ATCS David Morris**  
NTSP Coordinator  
NAVAIRSYSCOM, AIR 3.4.1.1  
morrism@navair.navy.mil

**COMM:** (301) 757-9173  
**DSN:** 757-9173  
**FAX:** (301) 342-4723

**AE1 Brian Barth**  
MPT Analyst (NTSP Author)  
NAVAIRSYSCOM, AIR 3.4.1.1  
barthbk@navair.navy.mil

**COMM:** (301) 757-9195  
**DSN:** 757-9195  
**FAX:** (301) 342-4723